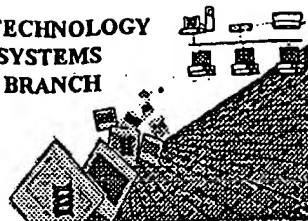# RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: _09/752,957E_

Source: _1FW/6_

Date Processed by STIC: _10/4/04_

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
    User Manual - ePAVE)
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    Room 1B03, Arlington, VA 22202

Revised 05/17/04

IFW16

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         RAW SEQUENCE LISTING                 DATE: 10/04/2004
         PATENT APPLICATION:  US/09/752,957E  TIME: 11:22:26

         Input Set : A:\pto.lm.txt
         Output Set: N:\CRF4\10042004\I752957E.raw

   3 <110> APPLICANT: Shiuan, David
   5 <120> TITLE OF INVENTION: Yeast with High Biotin-Productivity and the Preparation
Method
   6       Thereof
   8 <130> FILE REFERENCE: 251410-1010
  10 <140> CURRENT APPLICATION NUMBER: 09/752,957E
  11 <141> CURRENT FILING DATE: 2001-01-02
  13 <150> PRIOR APPLICATION NUMBER: TW 89120972
  14 <151> PRIOR FILING DATE: 2000-10-07
  16 <160> NUMBER OF SEQ ID NOS: 5
  18 <170> SOFTWARE: PatentIn version 3.3
  20 <210> SEQ ID NO: 1
  21 <211> LENGTH: 1188
  22 <212> TYPE: DNA
  23 <213> ORGANISM: Candida utilis
  25 <400> SEQUENCE: 1
  26 atgtcgttta tattgactgc tattagtcgt ccgattgctc tttccacttc tagagtagct    60
  28 tctagggcta ctctggcaac aggtgctact gctgctgcgg agatcttgga agatgtgttc   120
  30 acggaacaaa tggaagaagt ggcttcacag gagaagaagc caaacccatt ggaatatgca   180
  32 ttgtcagtga agacaccagt caacacctgg accaaagaag aaattaaagc tatatatgac   240
  34 acaccactca tggacttgat gcactatgct caggtgcaac acagaaggtt ccaacaacct   300
  36 tcagaggttc aattgtgcac tcttatgaat atcaaaactg gtggttgtac cgaggactgt   360
  38 aagtactgtg cccaatcaca gcgttacaac actggtgtca aggctgaaag aatcatccaa   420
  40 gttgatgagg tgattgaagc tgcaaaggag gcaaaggcca atggatctac aaggttctgt   480
  42 atgggtgctg cttggagaga gatgaaaggt agaaagtcaa acttgaagaa aatcaaagag   540
  44 atgatcactg ctgtccatga ccttggaatg gagagttgtg tcaccctggg aatggttgat   600
  46 aaagaccaag ccactgaatt gaaaagtgct gggttgacgg cgtacaacca taacattgat   660
  48 acttacaagg aacactatcc aaaggtgatc tccacaagaa gctttgatga tagattgaaa   720
  50 acattcaaaa acgttcaagg atctggatta aaggcatgca caggtggtat tcttggtctt   780
  52 ggtgagaccc aagaggaccg tgtatctttc ctctacacct tggccacaat ggatcagcat   840
  54 ccagagtctc ttccaatcaa cagactggtc ccaatcaagg gcacgccaat gtatgaagaa   900
  56 gttaagaaca agcaagttga agttgatgag attgtcagaa ccattgctac tgcaagattg   960
  58 gtcatgccaa cgtctattat cagattggct gcaggaagat atacaatgaa agaggcagaa  1020
  60 caggtgatgt gcttcatggc tggttgtaat gccatcttca caggtaagaa aatgctcaca  1080
  62 acaatgtgta acggctggga tgaggataaa gccatgttgg ctaaatgggg tctgaaacca  1140
  64 atggagagtt caaatacaa accaaggggag gttgcattcg gtgcttga                1188
  67 <210> SEQ ID NO: 2
  68 <211> LENGTH: 30
  69 <212> TYPE: DNA
  70 <213> ORGANISM: artificial sequence
  72 <220> FEATURE:
  73 <223> OTHER INFORMATION: primer sequence
  75 <400> SEQUENCE: 2
  76 gaaagtcgac tcaagatctg tcgtacttaa                                      30
```

RAW SEQUENCE LISTING   DATE: 10/04/2004
PATENT APPLICATION: US/09/752,957E   TIME: 11:22:26

        Input Set : **A:\pto.lm.txt**
        Output Set: **N:\CRF4\10042004\I752957E.raw**

```
 79 <210> SEQ ID NO: 3
 80 <211> LENGTH: 21
 81 <212> TYPE: DNA
 82 <213> ORGANISM: artificial sequence
 84 <220> FEATURE:
 85 <223> OTHER INFORMATION: primer sequence
 87 <400> SEQUENCE: 3
 88 ccgcagttaa atcgacaact g                                        21
 91 <210> SEQ ID NO: 4
 92 <211> LENGTH: 23
 93 <212> TYPE: DNA
 94 <213> ORGANISM: artificial sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: primer sequence
100 <220> FEATURE:
101 <221> NAME/KEY: misc_feature
102 <222> LOCATION: (4)..(4)
103 <223> OTHER INFORMATION: n is a, c, g, or t
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: (6)..(6)
108 <223> OTHER INFORMATION: n is a, c, g, or t
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (9)..(9)
113 <223> OTHER INFORMATION: R is A or G'
115 <220> FEATURE:
116 <221> NAME/KEY: misc_feature
117 <222> LOCATION: (10)..(10)
118 <223> OTHER INFORMATION: Y is T or C
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (12)..(12)
123 <223> OTHER INFORMATION: Y is T or C
125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (18)..(18)
128 <223> OTHER INFORMATION: n is a, c, g, or t
130 <400> SEQUENCE: 4
131 tgtncngarg aytgyaanta ttg                                      23
134 <210> SEQ ID NO: 5
135 <211> LENGTH: 20
136 <212> TYPE: DNA
137 <213> ORGANISM: artificial sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: primer sequence
143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (3)..(3)
```

(handwritten annotation at line 118: "g" is at location 10, with "Y is T or C" circled)

(handwritten "W-->" marking at line 131, with "g" circled in "tgtncngarg")

RAW SEQUENCE LISTING   DATE: 10/04/2004
PATENT APPLICATION: US/09/752,957E   TIME: 11:22:26

Input Set : A:\pto.lm.txt
Output Set: N:\CRF4\10042004\I752957E.raw

<223> OTHER INFORMATION: R is A or G'
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (6)..(6)
<223> OTHER INFORMATION: n is a, c, g, or t
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (8)..(8)
<223> OTHER INFORMATION: n is a, c, g, or t
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (9)..(9)
<223> OTHER INFORMATION: R is A or G'
<220> FEATURE:
<221> NAME/KEY: misc_feature
<222> LOCATION: (12)..(12)
<223> OTHER INFORMATION: R is A or G'
<400> SEQUENCE: 5
gtrtcpanrt trtggttgta   20

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/04/2004
PATENT APPLICATION: US/09/752,957E   TIME: 11:22:27

Input Set : A:\pto.lm.txt
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lease Note:
se of n and/or Xaa have been detected in the Sequence Listing. Please review the
equence Listing to ensure that a corresponding explanation is presented in the <220>
o <223> fields of each sequence which presents at least one n or Xaa.

eq#:4; N Pos. 4,6,18
eq#:5; N Pos. 6,8

VERIFICATION SUMMARY   DATE: 10/04/2004
PATENT APPLICATION: US/09/752,957E   TIME: 11:22:27

Input Set : **A:\pto.lm.txt**
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L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0